

$$0.08206 \quad (L * \text{atom}) / (\text{mole} * K)$$

273.15

Thiolane

microcosm volume	mL	90	C	4
	L	0.09	H	8
			O	0
			N	0
			S	1
methane produced	cm <sup>3</sup>	2.5		
	L	0.0025		
	moles	0.000104	Methane	2.75
methane	mg	1.666951		
thiolane	mg	3.332013		
	mg/L	37.02237		
Temp celcius		20		
methane	molcular weight	16.04		
thiolane	molcular weight	88.17		